

Recombinant

DGRmAb®

## PCSK1 (DGR15716) Rabbit mAb (PBS Only)

db11382-PBS

Package : 100µg

**Product Name :** PCSK1 (DGR15716) Rabbit mAb (PBS Only)**Cat.No.:** db11382-PBS**Synonyms :** PC1; PC3; NEC1; SPC3; PC1/3; BMIQ12**Application :** WB, IHC-P, ICC/IF, FC, IP**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

This gene encodes a member of the subtilisin-like proprotein convertase family, which includes proteases that process protein and peptide precursors trafficking through regulated or constitutive branches of the secretory pathway. The encoded protein undergoes an initial autocatalytic processing event in the ER to generate a heterodimer which exits the ER and sorts to subcellular compartments where a second autocatalytic event takes place and the catalytic activity is acquired. The protease is packaged into and activated in dense core secretory granules and expressed in the neuroendocrine system and brain. This gene encodes one of the seven basic amino acid-specific members which cleave their substrates at single or paired basic residues. It functions in the proteolytic activation of polypeptide hormones and neuropeptides precursors. Mutations in this gene have been associated with susceptibility to obesity and proprotein convertase 1/3 deficiency. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene [provided by RefSeq, Jan 2014]

**Immunogen**

Recombinant protein of human PCSK1

**Gene ID**

5122, 18548, 25204

**Swiss Prot**

P29120, P63239, P28840

**Synonyms**

PC1; PC3; NEC1; SPC3; PC1/3; BMIQ12

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P, ICC/IF, FC, IP

**Recommended dilution**

WB: 1:1000

IHC-P: 1:200-1:500

ICC/IF: 1:100

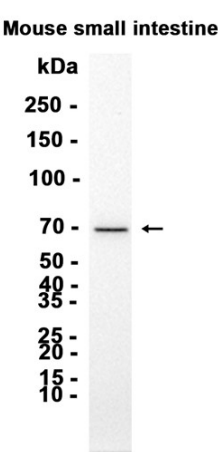
FC: 1:20-1:50

IP: 1:20-1:50

**Calculated MW**

84 kDa

Observed MW	70 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR15716
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from Mouse small intestine tissue using [db11382](#)